

ABSTRACT

A rotation-to-linear motion transforming mechanism equipped with a safeguard is provided. The mechanism includes
5 an eccentric cam coupled to a torque input shaft, a cam ring placed in contact of an inner wall thereof with the eccentric cam, and a plunger placed to be movable linearly following rotation of the cam ring. The safeguard is provided in the cam ring which is responsive to application of an excessive torque to the cam ring to break the
10 cam ring, thereby interrupting transmission of torque to the plunger from the torque input shaft. This avoids breakage of the plunger or the whole of the rotation-to-linear motion transforming mechanism. A fuel injection pump equipped with such a safeguard is also provided.